

CLAMPING DEVICES

to bend the pin. With a hand knob the amount of pressure is doubtful and depends largely upon the position of the screw, which governs the grip obtainable on the knob.

Swinging Leaves. — The elementary principles involved in the swinging-leaf clamping construction are shown in their simplest form in Fig. 28. Loose leaves which swing out, in order

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Fig. 28. Principle of Commonly used Clamping Method

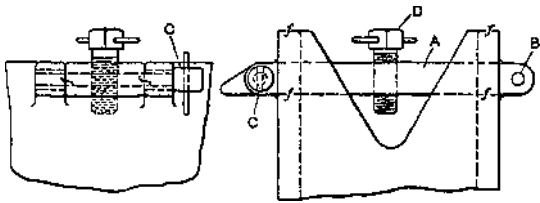


Fig. 29. Another Common Design of Jig Leaf

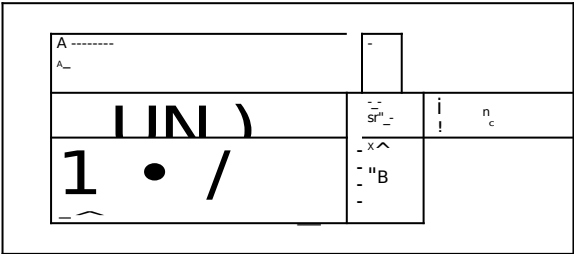


Fig. 30. Clamping Device for Drill Jig Leaf

to permit the work to be inserted and removed, are usually constructed in some manner similar to that shown in Fig. 29, in which *A* represents the leaf, being pivoted at *B* and held by a pin at *C*, which goes through the two lugs on the jig wall and passes through the leaf, thus binding the leaf and allowing the